

**To:** Edwin Roberson[eroberso@blm.gov]  
**Cc:** Moody, Aaron[aaron.moody@sol.doi.gov]; Laura Brown[laura.brown@sol.doi.gov]  
**From:** Hanson, Joshua  
**Sent:** 2017-03-13T15:02:27-04:00  
**Importance:** Normal  
**Subject:** Re: GSENM Mineral Info  
**Received:** 2017-03-13T15:02:34-04:00

Ed - As requested for the GSENM Map:

(b) (5) ACP

On Thu, Mar 9, 2017 at 4:58 PM, Hanson, Joshua <[joshua.hanson@sol.doi.gov](mailto:joshua.hanson@sol.doi.gov)> wrote:

Here you go Ed.

On Thu, Mar 9, 2017 at 4:28 PM, Edwin Roberson <[eroberso@blm.gov](mailto:eroberso@blm.gov)> wrote:

Josh, (b) (5) ACP

I want to send it to UT. Thanks. Ed

Sent from my iPhone

On Mar 9, 2017, at 9:21 AM, Hanson, Joshua <[joshua.hanson@sol.doi.gov](mailto:joshua.hanson@sol.doi.gov)> wrote:

Sounds good. I'm in 6420.

On Thu, Mar 9, 2017 at 9:11 AM, Edwin Roberson <[eroberso@blm.gov](mailto:eroberso@blm.gov)> wrote:

I will be around all day tomorrow. I will be going to the emerging leaders graduation and will be meeting with Downey, Kathy and Kristin. Other than that I will be freelancing. I will drop by. Ed

Sent from my iPhone

On Mar 9, 2017, at 9:00 AM, Hanson, Joshua <[joshua.hanson@sol.doi.gov](mailto:joshua.hanson@sol.doi.gov)> wrote:

Thanks Ed. If you have time before you leave, I'd like to grab a cup of coffee or something and pick your brain.  
Josh

On Thu, Mar 9, 2017 at 8:32 AM, Edwin Roberson <[eroberso@blm.gov](mailto:eroberso@blm.gov)> wrote:

FYI

Sent from my iPhone

Begin forwarded message:

**From:** "Hoffman, Kent" <[khoffman@blm.gov](mailto:khoffman@blm.gov)>  
**To:** Edwin Roberson <[eroberso@blm.gov](mailto:eroberso@blm.gov)>  
**Cc:** Ryan Sutherland <[rrsutherland@blm.gov](mailto:rrsutherland@blm.gov)>, Michael Richardson <[mjrichardson@blm.gov](mailto:mjrichardson@blm.gov)>  
**Subject: GSENM Mineral Info**

Ed,  
I was asked to get you some info on minerals in the GSENM. I can't put my hands on a mineral report (folks in Kanab can't either) so we pulled some readily available info together.

Attached are some maps showing various minerals and O&G and a page with some coal data.

The 39 oil and gas leases suspended in the monument are all under

applications associated with the Combined  
Hydrocarbon Lease conversions dating back to the  
mid 1980's.

Hopefully this gives some basic mineral background for you.

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